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The Possibilities Given by First Trimester Prenatal Screening Data, Uterine Arteries Pulsation Index, and Regulatory Autoantibodies in Predicting Intrauterine Growth Restriction in Females

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Abstract

© 2016, Springer Science+Business Media New York.A combined analysis of pregnancy-associated plasma protein-A (PAPP-A) values, human chorionic gonadotropin, and pulsation index of the uterine arteries was performed as part of a first trimester and serum content of eight regulatory autoantibodies screening. It was found that including autoantibodies to insulin, PAPP-A, and collagen into the analysis significantly improved the sensitivity and specificity of the prognosis and could be employed to form an intrauterine growth restriction (IUGR) risk group.

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Keywords

Autoantibodies, HCG, Intrauterine growth restriction, PAPP-A, Pulsation index

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